

Status

Updated 6/1/05

- The Route Clearing data separation process is now 100% complete. HQ Traffic Operations staff are performing a final review of the Route Clearing Database to validate correct handling of all features on the State highway system.
- Acceptance Testing:
 - Defects - 701 defects have been recorded to date. 30% of the Caltrans defects are fixed and 64% are open.
 - Manual tests - 175 manual tests have been run to date. 54% of the manual tests have passed.
 - Automated tests - 142 automated tests have been run to date. 59% of the automated tests have passed.
- An Independent Validation and Verification (IV&V) contract is being prepared, 5/31/05.
- On April 29, 2005, Cambria, Change Management Consultant, is employed to develop and implement strategies to prepare staff for new roles and TPMS processes and procedures.
- Caltrans South Region staff and industry users at CTPAC mtg.; and Caltrans North Region staff were provided TPMS demonstration on 1/26/05 and 2/3/05 respectively.

The remainder of the project schedule is as follows:

Activity	Target Start Date	Target Completion Date
Detailed Requirements Definition and System Design	2/25/02	7/29/04
System Customization	5/14/04	8/26/04
Data Conversion	8/5/04	6/30/05
System Acceptance Testing	11/22/04	6/30/05
Installation and Training at North Region	9/19/05	10/14/05
Installation and Training at South Region	9/19/05	10/14/05
Begin Production Use Statewide	10/17/05	10/17/05

Applications by **fax will no longer be accepted**, six months after Production date.

- Caltrans staff and industry users were provided Test training on Nov 15-19, 2004.
- On October 25, 2004, Test Consultant contract was completed and executed.
- Final version of Teale Data Center Service Request and Statement of Work to build TPMS production environment were signed and delivered on September 29, 2004.
- Special Project Report to reflect current project schedule is completed and delivered.
- Caltrans presented PowerPoint demonstration of TPMS to CTPAC meeting for the second time, on June 9, 2004.
- Caltrans delivered completed test scenarios to Bentley on June 4, 2004.
- Caltrans presented PowerPoint demonstration of TPMS to CTPAC Steering Committee meeting on April 19, 2004.
- Contract Amendment 2 replaced the equipment that was no longer manufactured as specified in Contract Amendment 1. Contract Amendment 2 with Bentley Systems was signed and executed on March 18, 2004.
- Caltrans and Bentley have reached resolution on all of the outstanding CDS issues. Caltrans approved the three Customization Design Statements- Permitting and Routing; Data Maintenance; and Vehicle Inspection on March 8, 2004.

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- On January 14 and January 15, 2004, Caltrans and Bentley held conference sessions to resolve the CDS issues with only 1 unresolved issue remaining.
- On November 12, 2003 Caltrans sent its review comments to Bentley on the Route Data Maintenance CDS, version 3.01; and Vehicle Inspection CDS, version 3.01.
- On November 10, 2003, Caltrans sent its review comments to Bentley on the CDS 3.01 review summary comments; and Permitting and Routing CDS, version 3.01.
- Caltrans sent its review comments to Bentley, on the 35 requirements that the Booz-Allen-Hamilton Independent Assessment found to be either unmet or partially met, on October 15, 2003.
- Caltrans authorized Bentley to restart the project by letter on September 17, 2003.
- DOT submitted a Special Project Report (SPR) required due to the TPMS project delayed caused by contract negotiations, the contract amendment changing the location of the servers to TDC, and the Independent Assessment effort. Control Agencies approved SPR on September 11, 2003
- The TPMS Steering Committee held its kick-off meeting on August 4, 2003.
- As suggested by DOF, a TPMS Project Manager, experienced in Information Technology application deployment, began work on July 1, 2003. A Functional Program Manager and a new Independent Project Oversight Consultant are assigned to the TPMS project.
- In April 2003, Booz-Allen-Hamilton was contracted to perform an Independent Assessment of the TPMS project. The assessment would determine if the objectives represented in the June 2001 TPMS Feasibility Study Report would be better met with the current interim permits system or with the proposed TPMS system as specified in the Bentley CDS's. Based on the findings identified in the final May 15, 2003 report, the Business, Transportation and Housing Agency, DOT and DOF jointly agreed that Caltrans would complete the TPMS project.
- Contract Amendment 1 changed the location of the servers from DOT to the Teale Data Center (TDC). Contract Amendment 1 with Bentley Systems was signed and executed in May 2003.
- January 2003, Department of Finance (DOF) and Department of Transportation (DOT) requested an Independent Assessment of the TPMS project. Bentley Systems, Inc. was advised not to proceed with any TPMS development activities until after the contract amendment was developed and the independent assessment completed.
- Caltrans delivered comments on the fourth version of the CDS by December 2002.
- Since January 2002, Bentley Services, Inc. began to prototype and demonstrate GeoTransport ARPS and submitted four Customization Design Statements (CDS) versions to Caltrans by November 2002. In addition, negotiations continued regarding contract roles and responsibilities and the 99.8% application "up time" requirements.
- Based upon Caltrans' and the trucking industry's comments on the second prototype, Bentley developed a design document and presented it to Caltrans on May 10, 2002. Caltrans reviewed the design document and provided comments to Bentley on June 5.
- Based upon Caltrans' comments, Bentley then developed a second prototype and presented it to Caltrans and several trucking industry representatives during the week of April 8.
- Bentley presented a first prototype of the various user interfaces to Caltrans during the week of March 18.
- Interviews were conducted with subject matter experts during the week of February 25.
- Work began on February 25, 2002.

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- Caltrans signed a contract with Bentley Systems on January 17, 2002. Bentley will customize and implement their GeoTransport ARPS application, which is in production in Maryland, Michigan, Minnesota, North Carolina, and South Carolina.